

IN THE CLAIMS:

1. (Currently amended) Method for determining the moisture content of bulk material comprising:

- determining the volume of a quantity of bulk material,
- determining the weight of the quantity of bulk material,
- determining the specific density from the volume and the weight, and
- finally determining the moisture content by ~~comparison~~ comparing the specific density with a table.

2. (Currently amended) Method for preparing bulk material with a predetermined moisture content comprising:

- determining the volume of a quantity of bulk material,
- determining the weight of the quantity of bulk material, and
- adding water to the quantity of bulk material until the weight associated with the desired moisture content is obtained.

3. (Previously amended) Method as claimed in claim 2 further comprising, after adding the water, mixing the bulk material with the water.

4. (Previously amended) Apparatus for determining the moisture content of bulk material comprising:

- a supply vessel placed on a weighing device;
- a feed device for feeding predetermined volumes to the supply vessel;
- a discharge device for the supply vessel; and
- a computer for determining the moisture content from the supplied volume and the measured weight.

5. (Currently amended) Apparatus as claimed in claim 4 wherein the feed device comprises a conveyor belt which ~~comp-rises~~ comprises a measuring member for measuring the

height of the bulk material carried along on the conveyor belt, and that the computer is adapted to determine from the measured height the quantity of material carried along on the conveyor belt.

6. (Previously amended) Apparatus as claimed in claim 5 wherein the measuring member comprises a laser source and a laser detector, wherein these elements are adapted to determine the height of the material carried along on the conveyor belt.

7. (Previously amended) Apparatus as claimed in claim 5 further comprising a leveling device placed above the conveyor belt upstream of the measuring member for leveling to a uniform height the material carried along on the conveyor belt.

8. (Canceled)

9. (Previously amended) Apparatus as claimed in claim 4 wherein the supply vessel is tiltable.

10. (Previously amended) Apparatus as claimed in claim 4 wherein the apparatus is also suitable for preparing bulk material with the desired moisture content in that a water supply device is placed above the supply vessel in order to supply water to the supply vessel.

11. (Previously amended) Apparatus as claimed claim 4 wherein the apparatus is provided with a dispensing device for dispensing additives.

12. (Previously amended) Apparatus as claimed in claim 6 further comprising a leveling device placed above the conveyor belt upstream of the measuring member for leveling to a uniform height the material carried along on the conveyor belt.

13. (Previously amended) Apparatus as claimed in claim 5 wherein the supply vessel is tiltable.

14. (Previously amended) Apparatus as claimed in claim 6 wherein the supply vessel is tiltable.

15. (Previously amended) Apparatus as claimed in claim 7 wherein the supply vessel is tiltable.

16. (Previously amended) Apparatus as claimed in claim 8 wherein the supply vessel is tiltable.

17. (Previously amended) Apparatus as claimed in claim 7 wherein the apparatus is also suitable for preparing bulk material with the desired moisture content in that a water supply device is placed above the supply vessel in order to supply water to the supply vessel.

18. (Previously amended) Apparatus as claimed in claim 8 wherein the apparatus is also suitable for preparing bulk material with the desired moisture content in that a water supply device is placed above the supply vessel in order to supply water to the supply vessel.

19. (Previously amended) Apparatus as claimed claim 6 wherein the apparatus is provided with a dispensing device for dispensing additives.

20. (Previously amended) Apparatus as claimed claim 10 wherein the apparatus is provided with a dispensing device for dispensing additives.

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